DATA SHEET

FUTRO S550

The modular multi-talent

Issue: August 2009

FUTRO S550

The small but powerful FUTRO S550 is your ideal client for server-based computing and virtual workplace solutions with RDP or ICA protocol, for Windows Terminal services or as Java-based network terminal.

Environmentally-friendly

Saves energy and reduces CO2 emissions

- Only 40% of the weight of a PC and only 30% of its volume

Relaxed working

Stress-free working environment

- Flash memory and passive cooling technology

Energy efficiency

Saves energy and reduces CO2 emissions

- Integrated system concept with power-saving components

Safety

Prevents unlicensed software installations and virus infections

- Write-protected file system which can be written by the administrator as required

Backpack solution

Fewer cables and less space needed

- The FUTRO S550 can be mounted behind the screen

Green IT GREEN BACKPACK SOLUTION MANAGEABILITY FANLESS VDI READY

Components

Memory modules	2 GB (1 module(s) with 2 GB) DDR2, 667 MHz
	1 GB (1 module(s) with 1 GB) DDR2, 667 MHz
Hard disk drives (internal)	CF module IDE, 256 MB empty
	CF module IDE, 512 MB empty
	CF module IDE, 1 GB empty
	CF module IDE, 4 GB empty
	CF module IDE, 16 GB empty
Interface add on cards/components (optional)	
	WLAN II, 802.11g, 54Mbps
	WLAN 802.11b/g

Base unit	**FUTRO S550**

Operating system and software (Linux)	
Operating system	eLux® RL - Embedded Linux
Notes	eLux® Reloaded is a Linux based embedded operating system, specially developed for use in FUTRO to apply as thin clients in server-based environments.
Functions	ICA-Client (incl. connection broker) VMware View client (July 09) RDP-Client functionality Browser Mozilla, Opera or Firefox available Acrobat Reader Tarantella-Client Terminal emulations for ANSI, 97801, VT320 X.11 terminal application Local SAP GUI (optional, provided by UniCon Software Development) IBM 3270 / 5270, Fujitsu 9750 emulation (additional license requested, provided by UniCon Software Development) Virtual workplace support
Options available via customizing	Wireless LAN support Remote administration Printer support VPN support Firewall support
Manageability	Flash memory management, Embedded operating system update and system monitoring, Managing devices by location, group or user, Individual operating system composition with ELIAS (only with eLux® RL)
VPN (Linux)	VPN client from Cisco (optional, provided by UniCon Software Development, license required)

Operating system and software (Windows)	
Operating system	Microsoft® Windows® XP Embedded
Notes	Windows XP Embedded is the modulated version of the desktop operating system Windows XP Professional, enabling development of reliable and full-featured connected devices. All images can be updated via Server
Functions	ICA-Client (incl. connection broker) VMware View client (July 09) RDP-Client Internet Explorer Windows Installer Thin Print Client Acrobat Reader Media Player DeskView Altiris® Deployment Server™ client (optional possible on 512MB or 1GB Flash) Virtual workplace support

Operating system and software (Windows)	
Options available via customizing	Wireless LAN support Remote administration Printer support VPN support Firewall support
Manageability	Altiris® Deployment Server™ for clients preinstalled (optional), or, Scout EP V10
VPN (Windows)	VPN through CUZ available

Mainboard	
Mainboard type	D2703
Formfactor	miniITX
Processor	AMD Sempron™ 2100+ (1 GHz,)
Chipset	AMD M690E
Processor socket	embedded
Processor quantity maximum	1
Memory slots	1 DIMM (DDR2)
Supported capacity RAM (max.)	2 GB
LAN	Built-in 10/100/1000 MBit/s
Audio type	On board
Audio codec	Realtek ALC262
Audio features	Output: full 16-bit stereo sound, AC'97 codec

Slots	
PCI (32-bit / 33 MHz)	1 x (155 mm) half heigth

Interfaces	
DC-in	1
Audio: line-in	1
Audio: line-out	1
Front audio: headphone	1
Front audio: line-in / microphone	1
USB 2.0 total	8
USB front	2
USB rear	4
USB internal	2
VGA	via Adapter
DVI	1
Serial (RS-232)	2 (9 pin)
Mouse / Keyboard (PS/2)	2
Ethernet (RJ-45)	1
Kensington Lock support	1

Input device / components	
	Optical USB wheel mouse

Graphics	
Graphics brand name	AMD® Radeon X1250
Graphic resolution	2048 x 1536 pixel
Graphic color depth	32 bit colors
Shared video memory	up to 256 MB
Refresh rate 1024 x 768 (recommended / max.)	85 Hz / 85 Hz
Refresh rate 1280 x 1024 (recommended / max.)	85 Hz / 85 Hz
Refresh rate 1600 x 1200 (recommended / max.)	85 Hz / 85 Hz
TFT resolution (VGA)	2048 x 1536 pixel

Graphics	
TFT resolution (DVI)	1944 x 1440 pixel 1600 x 1200 pixel 1280 x 1024 pixel 1024 x 768 pixel 800 x 600 pixel 640 x 480 pixel 1920 x 1200 pixel 1680 x 1050 pixel 1440 x 900 pixel
Graphic notes	Dual Monitoring via optional Y-cable possible. (max. 1920 x 1200 pixel) Dual link DVI interface with up to 2048 x 1536 pixel resolution.

Network	
Network	TCP/IP with DNS and DHCP Point-to-Point protocol Supported Citrix Load Balancing over ICA DHCP support for automatic firmware upgrades and unit configuration Multiple master browser support on ICA

Electrical values	
Power supply input	AC input 100 - 240 V
Power supply input	AC input 100 - 240 V
Rated frequency range	50 - 60 Hz

Power consumption for standard configuration with XPe	
Power consumption: Maximum (S0, running appl., CD in use)	21 W
Power consumption: Idle (S0, running OS, Idle mode)	13 W
Power consumption: Minimum (ACPI status S5, soft off, WOL enabled)	0,8 W

Dimensions / Weight / Environmental	
Dimension (W x D x H)	52 x 191 x 250 mm
Dimension with stand (W x D x H)	97 x 191 x 266 mm
Operating position	Vertical / horizontal (feet included)
Weight	1.5 kg
Weight notes	Weight may vary depending on actual configuration
Operating ambient temperature	5 - 40°C
Operating relative humidity	10 - 85 % (non condensing)

Compliance	
Product	FUTRO S550
Model	TCS-D2703
Europe	CE
USA/Canada	CSA FCC Class B
Global	RoHS (Restriction of hazardous substances) ENERGY STAR® 5.0 in progress
Compliance link	https://sp.ts.fujitsu.com/sites/certificates/default.aspx

Manageability	
Manageability type	DeskView
Manageability link	http://ts.fujitsu.com/manageability

Security	
User security	Optional: Access protection via internal SmartCard reader

Warranty	
Service level	(depending on country)

Warranty

Maintenance and Support Services - the perfect extension

Recommended Service	5x9, Response Time: Next Business Day
Service Weblink	http://ts.fujitsu.com/Supportservice

Information about environmental care, policies, programs and our Environmental Guideline FSC 03230:
http://ts.fujitsu.com/aboutus
Take back and Recycling information:
http://ts.fujitsu.com/recycling

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